

**ABSTRACT**

A structure is provided for a passenger motor vehicle, which comprises a panel structure of non-metallic material, such as fiber-reinforced plastic. For optimization of the structure with regard to high strength, light weight, and functional performance, said structure comprises a passenger cell, the panel structure of which includes a front panel structure and a rear panel structure, while the panel structures are connected with a floor structure bordered by longitudinal girders extending between the panel structures.